

## **CLAIMS:**

1. A clip for securing a handle with a threaded end connector to a broom head with a longitudinal axis, said clip comprising:

- (a) a unitary clip body;
- (b) means to attach the body to the broom head;
- (c) opening means to receive and threadably engage the threaded end connector,

whereby when the end connector is threadably engaged in the opening means, the handle is immovably secured along the longitudinal axis of the broom head.

2. The clip as in claim 1 wherein the opening mean comprises a threaded cradle for the threadable mating of the end connector.

3. The clip as in claim 1 wherein the opening mean comprises a closed threaded ring for threadably mating of the end connector.

4. The clip as in claim 1 wherein the clip is an integrally molded element.

5. A system for securing an elongated handle with a threaded end connector to a broom head with a longitudinal axis, said system comprising.

(a) a plurality of handle clips, each clip comprising a unitary body and means to attach the body to the broom head;

(b) one of the plurality of handle clips having opening means to receive and support the elongated body of the handle;

(c) one of the plurality of broom clips having second opening means to receive and threadably engage the threaded end connector;

whereby when the elongated body of the handle is supported in the opening means by one of the plurality of handle clips and when the end connector is threadably engaged in

the second opening means of another of the plurality of broom clips, the handle is immovably secured along the longitudinal axis of the broom head.

6. The system as in claim 5 wherein the second opening means comprises a threaded cradle for the threadable mating of the end connector.

7. The system as in claim 5 wherein the second opening means comprises a closed, threaded ring for threadable mating with the end connector.

8. The system as in claim 5 wherein each of the handle clips is an integrally molded element.

9. The clip as in claim 1 wherein the means to attach the body to the broom head comprises downwardly extending side arms.

10. The system as in claim 5 wherein the means to attach the body to the broom head comprises downwardly extending side arms.

11. The clip as in claim 1 wherein the unitary clip body of the clip is made of resiliently flexible material.

12. The system as in claim 5 wherein the unitary clip bodies of the clips are made of resiliently flexible material.